

ABSTRACT

A security component determines whether a request for a resource poses a security risk to a computing device and verifies the integrity of the requested resource before the request is allowed. For a request having arguments and a resource path with a filename that identifies the resource, the security component determines that the request does not pose a security risk if the resource path does not exceed a maximum number of characters, individual arguments do not exceed a maximum number of characters, the arguments combined do not exceed a maximum number of characters, and the filename has a valid extension. The security component verifies the integrity of a requested resource by formulating a descriptor corresponding to the resource and comparing the descriptor with a cached descriptor corresponding to the resource.